

## **Claims**

What is Claimed is:

1. A method for managing a memory of a computer system to store a data of a first size, comprising the steps of:
  - defining chunks of the memory, wherein each chunk is a continuous memory space of a predetermined size;
  - defining chunk pools for managing the chunks, wherein each chunk pool corresponds to chunks of a particular size; and
  - defining unit pools for managing units of the first size, wherein the chunk pool corresponding to the unit pool provides a chunk of the particular size to be separated into the units of the first size, and the data of the first size is stored in the units.